

**INFORMATION DISCLOSURE
CITATION**

ATTY. DUCKET NO.

3691-133

SERIAL NO.

To be Assigned

APPLICANT

WANG et al.

FILING DATE

GROUP

(Use several sheets if necessary)

February 7, 2001

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						FILED DATE IF APPROPRIATE
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
WRC	5,902,652	5/1999	Collins et al.	714	1	
WRC	5,891,536	4/1999	Collins et al.	714	1	
WRC	5,855,638	1/1999	Demars	714	1	
WRC	5,664,395	9/1997	Collins et al.	714	1	
WRC	6,040,564	3/2000	Ueda et al.	714	1	
WRC	4,683,154	7/1987	Benson et al.	714	1	
WRC	6,037,710	3/2000	Poole et al.	714	1	
WRC	6,071,575	6/2000	Collins et al.	714	1	
WRC	5,017,252	5/1991	Aldrich et al.	714	1	
WRC	5,270,084	12/1993	Parker	714	1	
WRC	4,928,448	5/1990	Phillip	714	1	
WRC	4,786,344	11/1988	Beuther	714	1	
WRC	5,657,607	8/1997	Collins et al.	714	1	
WRC	5,897,927	4/1999	Tsai et al.	714	1	

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						TRANSLATION	
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
NONE							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

OTHER DOCUMENTS (including Author, Title, Date, Page)			
WPC	Solar Energy Vol. 63, No. 4, pp. 243-249, 1998 "Fabrication of Evacuated Glazing at Low Temperature"	GRIFFITHS et al.	
WPC	Solar Energy Vol. 62, no. 3, pp. 189-213, 1998 "Current Status of the Science and Technology of Vacuum Glazing"	COLLINS et al.	
WPC	"Thermal Outgassing of Vacuum Glazing".	LENZEN et al., pp. 1-31	
WPC	U.S. Patent Appln. Serial No. 09/722,008, filed Nov. 27, 2000		
WPC	U.S. Patent Appln. Serial No. 09/670,559 filed September, 27, 2000		
WPC	U.S. Patent Appln. Serial No. 09/404, 659 659,		
		Date Considered	2/26/03

*Examiner

Date Considered

2/26/03

*Examiner Michael Chan Date Considered 11/1/01

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-14

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WANG et al

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WRC	5,315,797	5/1994	Glover et al.	/	/	
WRC	3,902,883	9/1975	Bayer	/	/	
WRC	3,441,924	4/1969	Peek et al.	/	/	
WRC	49,167	1/1865	Stetson	/	/	
WRC	1,448,351	3/1923	Kirlin	/	/	
WRC	1,774,860	9/1930	Wendler et al.	/	/	
WRC	2,011,557	8/1935	Anderegg	/	/	
WRC	2,962,409	11/1960	Ludlow et al.	/	/	
WRC	3,742,600	7/1973	Lowell	/	/	
WRC	3,912,365	10/1975	Lowell	/	/	
WRC	3,936,553	2/1976	Rowe	/	/	
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WRC	4,130,408	12/1978	Crossland et al.	/	/	
WRC	4,130,452	12/1978	Indri	/	/	
WRC	4,305,982	12/1981	Hirsch	/	/	
WRC	4,514,450	4/1985	Nowobilski et al.	/	/	
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WRC	4,924,243	5/1990	Sato et al.	/	/	
WRC	4,983,429	1/1991	Takayanagi et al.	/	/	
WRC	5,157,893	10/1992	Benson et al.	/	/	
WRC	5,234,738	8/1993	Wolf	/	/	
WRC	5,247,764	9/1993	Jeshurun et al.	/	/	

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		ADONIS			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner	Michael Cohen	Date Considered	2/26/03
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**INFORMATION DISCLOSURE
CITATION**

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SERIAL NO.

3691-133

APPLICANT

WANG et al.

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Feb. 7, 2001

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						TRANSLATION	
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
<i>W12</i> 2 482 161	11/1981	France	<i>—</i>	<i>—</i>		X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Examiner

Date Considered

2/26/03

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Form PTO-FB-A820 (Also PTO-1

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Serial Number (Optional) <div style="border: 1px solid black; padding: 2px; display: inline-block;">3691-133</div>	
		Applicant <div style="border: 1px solid black; padding: 2px; display: inline-block;">Wang et al</div>	
		Filing Date <div style="border: 1px solid black; padding: 2px; display: inline-block;">Feb. 7, 2001</div>	Group Art Unit

U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	32272	10/1986	FUNAKI, ET. AL.				
WPK	3857161	12/1974	HUTCHINS, IV				
WPK	3959577	5/1976	FRINK				
WPK	4393105	7/1983	KREISMAN				
WPK	4422280	17/1983	MERTIN, ET. AL.				
WPK	4486482	12/1984	KOBAYASHI, ET. AL.				
WPK	4542611	7/1985	JAY				
WPK	4586289	9/1986	JAEGER				
WPK	4598520	7/1986	ELLSTRUM				
WPK	4681616	7/1987	McMASTER				
WPK	4683154	7/1987	BENSON, ET. AL.				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
WPK	9700335	1/1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
WPK	"Temperature-Induced Stresses in Vacuum Glazing Modelling and Experimental Validation" by Simko, et. al., Solar Energy, Vol. 63, No. 1, pp. 1-21, 1998
	"Fabrication of Evacuated Glazing at Low Temperature" by Griffiths, et al., Solar Energy, Vol. 63, No. 4, pp. 243-249, 1998
	"Thermal Outgassing of Vacuum Glazing" by Lenzen, et. al., School of Physics, The University of Sydney, NSW 2006, Australia

EXAMINER <div style="border: 1px solid black; padding: 5px; display: inline-block;"> </div>	DATE CONSIDERED <div style="border: 1px solid black; padding: 5px; display: inline-block;">2/26/03</div>
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Serial Number (Optional) <u>3691-133</u>		Application Number	
				Applicant <u>WANG et al.</u>			
				Filing Date <u>Feb. 7, 2001</u>		Group Art Unit	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<u>WRC</u>	<u>4780164</u>	<u>10/1988</u>	<u>RUECKHEIM, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4786344</u>	<u>11/1988</u>	<u>BEUTHEU</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4822649</u>	<u>4/1989</u>	<u>CANAUD, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4853264</u>	<u>8/1989</u>	<u>VINCENT, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4865672</u>	<u>9/1989</u>	<u>DELBEEK, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4886095</u>	<u>12/1989</u>	<u>LISEL</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4888038</u>	<u>12/1989</u>	<u>HERRINGTON, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4909874</u>	<u>3/1990</u>	<u>RUECKHEIM</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4909875</u>	<u>3/1990</u>	<u>CANAUD, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WRC</u>	<u>4928446</u>	<u>9/1990</u>	<u>PHILIP</u>	<u>—</u>	<u>—</u>		
	<u>5017252</u>	<u>7/1991</u>	<u>ALDRICH, ET. AL.</u>	<u>—</u>	<u>—</u>		
FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
NONE							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
"Current Status of the Science and Technology of Vacuum Glazing" by Collins, et. al. School of Physics, Univ. of Sydney, Sydney, NSW 2006, Australia Brochure for "Specialty Solders & Alloys, Technical Information" for Indium Corporation of America Product Data Sheet for Precision Spheres for BGAs (PGBA, CBGA, and TBGA), Indium Corporation of America							
EXAMINER <u>Michael Chen</u>				DATE CONSIDERED <u>2/26/03</u>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Document Number (Optional) <u>3691-133</u>		Application Number	
				Applicant <u>Wang et al</u>			
				Filing Date <u>Feb. 7, 2001</u>		Group Art Unit	
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<u>WMC</u>	<u>5027574</u>	<u>7/1991</u>	<u>PHILLIP</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5124185</u>	<u>6/1992</u>	<u>KERR, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5175975</u>	<u>1/1993</u>	<u>BENSON, ET. AL.</u>	<u>—</u>	<u>—</u>		
	<u>5270084</u>	<u>17/1993</u>	<u>PARKER</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5271973</u>	<u>17/1993</u>	<u>HUETHER</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5313761</u>	<u>5/1994</u>	<u>LEOPOLD</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5366574</u>	<u>11/1994</u>	<u>LENHARDT, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5494715</u>	<u>2/1996</u>	<u>GLOVER</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5657607</u>	<u>8/1997</u>	<u>COLLINS, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5664395</u>	<u>1/1997</u>	<u>COLLINS, ET. AL.</u>	<u>—</u>	<u>—</u>		
<u>WMC</u>	<u>5755845</u>	<u>5/1998</u>	<u>WOODWARD, ET. AL.</u>	<u>—</u>	<u>—</u>		
FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<u>Product Data Sheet for NC-SMQ[®] 80 Solder Paste, Indium Corporation</u>							
<u>of America</u>							
<u>Brochure for "Research Solder Kits", Indium Corporation of</u>							
<u>America</u>							
<u>Product Data Sheet for NC-SMQ[®] 80 Solder Paste, Indium Corporation</u>							
EXAMINER <u>Michael Chlain</u>				DATE CONSIDERED <u>2/26/03</u>			
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09/777,858

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

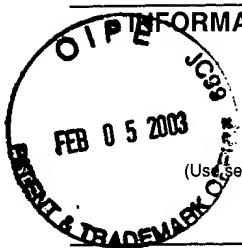
*Examiner

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner	Michael Polunin	Date Considered	2/25/03
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*Examiner

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